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Mauna Loa Solar Observatory Observer's Log  
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Mon Jan 25 17:14:23 GMT 2016

Year: 16 Doy: 025

Observer: berkey

WEATHER COMMENT: berkey: Mon Jan 25 17:16:43 GMT 2016

Temp: 41f, Humidity: 9%, Pressure: 28.77in, wind 10mph from W, Clear skies

\_\_\_\_end\_\_\_\_

Mon Jan 25 18:08:22 GMT 2016 KCOR Start Synoptic Patrol

Mon Jan 25 19:28:42 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Mon Jan 25 19:31:14 GMT 2016

realigned sgs

\_\_\_\_end\_\_\_\_

Mon Jan 25 19:36:31 GMT 2016 KCOR Start Synoptic Patrol

Mon Jan 25 19:55:15 GMT 2016 KCOR End Patrol

Mon Jan 25 19:55:17 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Mon Jan 25 20:12:34 GMT 2016 KCOR End Calibration Script

Mon Jan 25 20:12:50 GMT 2016 KCOR Start Synoptic Patrol

Mon Jan 25 20:12:51 GMT 2016 KCOR Start Synoptic Patrol

Mon Jan 25 23:21:01 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Tue Jan 26 03:22:22 GMT 2016

Afternoon spar work.

We moved the AC power to the west side of the spar and DC/Data cables on the east side of the spar. Cables were dressed out to look nicer and have better service loops between the pier and spar.

Spar was balanced again found to be about 3 pounds front heavy. Removed 5# from the front and moved the aft-weights to balance it out.

We also tried to chase down some the noise in the guider, looks like some of it shows up when you autocommunate the Kcor o 1, but we were unable to reduce the noise level by trying make shift sheilding or quick ground solutions.

After all the balance work we found the spar was again osicllating while tracking the sun. RA bearing surfaces were found to be dirty (perhaps some of the RA worm grease fell down on the bearings). Brandon was able to clean it off easily with isopropyl alchoal.

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